



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

400 Seventh Street, S.W.  
Washington, D.C. 20590

FEB 24 2000

Mr. J. S. Won  
Manager, Flight Operations Engineering  
Korean Air  
Fax Number: (82) 2-656-6289

Ref. No. 99-0292

Dear Mr. Won:

This is in response to your letter dated October 14, 1999, regarding the notification of the Pilot-in-Command of emergency response information under the Hazardous Materials Regulations (HMR; 49 CFR Parts 171-180) and International Civil Aviation Organization's Technical Instructions (ICAO). Specifically, you ask whether it is acceptable to include the required emergency response information in a Flight Operations Manual (FOM).

The answer to your question is yes. Korean Air's FOM may contain information equivalent to ICAO's "Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods" to satisfy the requirements of §§ 175.33 and 172.602, as long as the FOM is accessible to the pilot at all times during flight operations.

Section 175.33, Notification of Pilot-in-Command, requires that the emergency response information required by subpart G of part 172 be maintained in the same manner as the written notification to the Pilot-in-Command during transport of the hazardous material aboard the aircraft. This means that it must be accessible. Section 172.602(b)(3)(iii) of the HMR states that the ICAO "Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods" or equivalent document may be used aboard aircraft.

I trust this answers your inquiry. If you have further questions, please do not hesitate to contact this Office.

Sincerely,

Delmer F. Billings  
Chief, Standards Development  
Office of Hazardous Materials Standards



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**FACIMILE TRANSMISSION  
KOREAN AIR**

TO : Director, Office of Hazardous Materials  
Standards (RSPA)

FAX : (1) 202. 366. 3753.

PAGE SENT : 1

ATTN : Edward Mazzullo

FROM : FLIGHT OPS ENGRING  
KOREAN AIR

DATE : 14-OCT-1999

TEL : (82) 2-656-6267

FAX : (82) 2-656-6289

**SUBJ : Emergency Response Information for Dangerous Goods**

Dear Madam / Sir,

I would like to ask you about the Emergency Response Information for Dangerous Goods to the pilot - in - command concerning the IATA Dangerous Goods Regulations.

In reference to the paragraph 9.5.9. "Emergency Response Information" states :

..... "The information must be available to the pilot - in - command and can be provided by ;

- The Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods (ICAO Doc. 9481) ; or
- any other document, which provides similar information concerning dangerous goods on board."

Far as I understand that there are two kinds of documents that are issued and are carried by airlines, are ICAO Doc. 9481, and NAERG96 (1996 North American Emergency Response Guidebook).

My question is, if the company Flight Operation Manual (FOM) includes similar information concerning dangerous goods on board, will this be considered in compliance with the paragraph 9.5.9 of any other document ?

Please advise.

Best regards.

J. S. WON

MGR / FLIGHT OPS ENGRING.

KOREAN AIR